

Planning for the SPLIT

1 Coding Part

Work	Time
ADMM with linear solve (Suitesparse, LAPACK) + prox for ADMM, AMA, PDHG	March 9 to 24
TEMPO spring school	March 25 to April 2
Interface Eigen + Mat-vec (suite sparse)	April 3-15
Away in India	April 16-27
Riccati recursion	April 27 to May 8
Improving & debugging (course project) (timing plots) & Examples	May 11 to June 12.

Table 1: Harsh's Plan

2 Writing Part

Work	Time
Chapters: The algorithms, How to split - Refinement, polishing	March 24 to 31
Chapter: Practical speedup I - Need to rethink structure. How to pass from stepsize to preconditioning.	April 1 to 9
Same	April 27 to May 3
Same	May 4 to May 10
Chapter Practical speedup II - Complexity analysis on MatVec, Inversion, Prox	May 11 to May 17
Chapter Practical speedup II - Riccati, read material, generate plots	May 18 to May 24
Same	May 25 to May 31
Appendices, Examples - Refine appendices, finalize examples	June 1 to June 7
Same	June 8 to June 15

Table 2: Giorgos's Plan

Work	Time
Step-size selection, pre-conditioning	April 10 to 30
Pre-conditioning for SOC example	May 1 to 7
Building example	May 8 to 15

Table 3: Ye's Plan